

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	75	US-20010034033-\$. DID. OR US- 20010046679-\$.DID. OR US-20050211559-\$. DID. OR US-4704193-\$. DID. OR US-4711955-\$. DID. OR US-4787963-\$. DID. OR US-4868103-\$. DID. OR US-4943523-\$. DID. OR US-4964972-\$. DID. OR US-5013831-\$. DID. OR US-5066372-\$. DID. OR US-5100775-\$. DID. OR US-5164319-\$. DID. OR US-5187096-\$. DID. OR US-5242828-\$. DID. OR US-5312527-\$. DID. OR US-5391272-\$. DID. OR US-5443701-\$. DID. OR US-5472881-\$. DID. OR US-5491097-\$. DID. OR US-5532128-\$. DID. OR US-5571568-\$. DID. OR US-5587128-\$. DID. OR US-5595908-\$. DID. or ("5653939"   "5846392"   "6277629"   "6325977").PN. or ("3950738"   "3995190"   "4283773"   "4563419"   "4580895"   "4584075" "4594135"   "4751177"   "4787963"   "4807161"   "4816418"   "4822566"   "4828979"   "4850895"   "4908112"   "5063081"   "5074977"   "5075077"   "5096669"   "5096807"   "5125748"   "5126022"   "5143854"   "5164319"   "5166063"   "5200051"   "5202231"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/27 13:46

		"5219726"   "5227265"   "5234566" "5242797"   "5304487"   "5312527" "5365539"   "5365819"   "5433819" "5434049"   "5445525"   "5516698" "5527670"   "5527681"   "5599668" "5605662"   "5632957"   "5653939" "5677195"   "5681751"   "5736410" "5832165"   "5849486"   "6315953").PN.				
L2	54	(US-20030059807-\$ or US-20020051788-\$ or US-20080085214-\$ or US-20080084363-\$ or US-20020196009-\$ or US-20060138083-\$ or US-20070212681-\$ or US-20050230271-\$ or US-20020117694-\$ or US-20020012930-\$ or US-20020001801-\$ or US-20020117659-\$ or US-20030096321-\$ or US-20090273354-\$ or US-20030141189-\$). did. or (US-6794052-\$ or US-6551784-\$ or US-6309822-\$ or US- 7438856-\$ or US- 7361946-\$ or US- 5466348-\$ or US- 6403317-\$ or US- 6856125-\$ or US- 5632957-\$ or US- 4728882-\$ or US- 7741014-\$ or US- 6686184-\$ or US- 5514501-\$ or US- 5079600-\$ or US- 6136269-\$ or US- 6566508-\$ or US- 4443930-\$ or US- 7145142-\$ or US- 7163822-\$ or US- 7595883-\$ or US- 7455971-\$ or US- 7291496-\$ or US- 7303875-\$ or US-	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/27 13:46

		7265929-\$ or US-7264934-\$ or US-7264929-\$).did. or (US-6197503-\$ or US-4588883-\$ or US-5600157-\$ or US-6503711-\$ or US-7118921-\$ or US-6078705-\$ or US-5822472-\$ or US-5712098-\$ or US-5513288-\$ or US-4665008-\$ or US-5922537-\$ or US-5082627-\$ or US-6548311-\$).did.				
L3	128	L1 or L2	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/27 13:46
L4	12	L3 and (heater or peltier)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/27 13:46
L5	4	L3 and (heater or peltier) and (fet or transistor)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/27 13:59
L6	104	(fet or transistor) near (backside or upside)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/27 14:06
S1	45	US-20010034033-\$. DID. OR US-20010046679-\$.DID. OR US-20050211559-\$. DID. OR US-4704193-\$. DID. OR US-4711955-\$. DID. OR US-4787963-\$. DID. OR US-4868103-\$. DID. OR US-4943523-\$. DID. OR US-4964972-\$. DID. OR US-5013831-\$. DID. OR US-5066372-\$. DID. OR US-5100775-\$. DID. OR US-5164319-\$. DID. OR US-5187096-\$. DID. OR US-5242828-\$. DID. OR US-5312527-\$. DID. OR US-5391272-\$. DID. OR US-5443701-\$. DID. OR US-5472881-\$. DID. OR US-5491097-\$. DID. OR US-5532128-\$. DID. OR US-5571568-\$. DID. OR US-5587128-\$. DID. OR US-5595908-\$. DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/12/16 16:17

S2	82	("4444878"   "4444892"   "4489133"   "4490216"   "4560534"   "4632800"   "4661235"   "4824529"   "4857273"   "4859538"   "4960722"   "5491097"   "H000201").PN. OR ("5571568").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/16 16:39
S3	95841	(field adj effect adj transistor)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/16 16:49
S4	12	S3 and S2	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/16 16:49
S5	1	S3 and S1	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/16 16:49
S6	186	("4020830"   "4062750"   "4072576"   "4218246"   "4225410"   "4397714"   "4490216"   "4571543").PN. OR ("5164319").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/16 16:50
S7	18	S3 and S6	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/16 16:50
S8	29	S7 or S4	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/16 16:50
S9	3	("20020051788"   "20030059807"   "5466348").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/16 16:51
S12	1	S9 and S3	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/16 16:54
S14	14	Mrksich.in. and thermally	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/16 17:03
S18	10	yeo and yousaf	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/16 17:06
S19	23	S8 and thermal\$	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/16 17:20

S20	51	( "3950738"   "3995190"   "4283773"   "4563419"   "4580895"   "4584075"   "4594135"   "4751177"   "4787963"   "4807161"   "4816418"   "4822566"   "4828979"   "4850895"   "4908112"   "5063081"   "5074977"   "5075077"   "5096669"   "5096807"   "5125748"   "5126022"   "5143854"   "5164319"   "5166063"   "5200051"   "5202231"   "5219726"   "5227265"   "5234566"   "5242797"   "5304487"   "5312527"   "5365539"   "5365819"   "5433819"   "5434049"   "5445525"   "5516698"   "5527670"   "5527681"   "5599668"   "5605662"   "5632957"   "5653939"   "5677195"   "5681751"   "5736410"   "5832165"   "5849486"   "6315953").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/16 17:29
S21	7	(US-20020051788-\$ or US-20030059807-\$). did. or (US-5571568-\$ or US-5466348-\$ or US-6315953-\$ or US- 6326215-\$ or US- 6540961-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/12/16 18:59
S22	1	"6972196".pn.	USPAT	OR	OFF	2009/12/16 20:03
S23	8	(US-20020051788-\$ or US-20030059807-\$). did. or (US-5571568-\$ or US-5466348-\$ or US-6315953-\$ or US- 6326215-\$ or US- 6540961-\$ or US- 6972196-\$).did.	US-PGPUB; USPAT	OR	OFF	2010/09/17 13:39

S24	6	S23 and area	US-PGPUB; USPAT	OR	OFF	2010/09/17 13:40
S25	6	S23 and volume	US-PGPUB; USPAT	OR	OFF	2010/09/17 15:51
S26	2	(keersmaecker near koen).in.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/26 13:47
S27	7	("5719033"   "3831432"   "6433356"   "5827482"   "4777019"   "6203981"   "6057167").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/26 13:49
S28	1	(keersmaecker near koen).in. and (self near aligned)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/26 13:50
S29	1	(keersmaecker near koen).in. and (self near aligned) and hydroquinone	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/26 13:52
S30	75	US-20010034033-\$. DID. OR US- 20010046679-\$.DID. OR US-20050211559-\$. DID. OR US-4704193-\$. DID. OR US-4711955-\$. DID. OR US-4787963-\$. DID. OR US-4868103-\$. DID. OR US-4943523-\$. DID. OR US-4964972-\$. DID. OR US-5013831-\$. DID. OR US-5066372-\$. DID. OR US-5100775-\$. DID. OR US-5164319-\$. DID. OR US-5187096-\$. DID. OR US-5242828-\$. DID. OR US-5312527-\$. DID. OR US-5391272-\$. DID. OR US-5443701-\$. DID. OR US-5472881-\$. DID. OR US-5491097-\$. DID. OR US-5532128-\$. DID. OR US-5571568-\$. DID. OR US-5587128-\$. DID. OR US-5595908-\$. DID. or ("5653939"   "5846392"   "6277629"   "6325977").PN. or ("3950738"   "3995190"   "4283773"   "4563419"   "4580895"   "4584075"   "4594135"   "4751177"   "4787963"	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/26 14:33

		"4807161"   "4816418"   "4822566" "4828979"   "4850895"   "4908112" "5063081"   "5074977"   "5075077" "5096669"   "5096807"   "5125748" "5126022"   "5143854"   "5164319" "5166063"   "5200051"   "5202231" "5219726"   "5227265"   "5234566" "5242797"   "5304487"   "5312527" "5365539"   "5365819"   "5433819" "5434049"   "5445525"   "5516698" "5527670"   "5527681"   "5599668" "5605662"   "5632957"   "5653939" "5677195"   "5681751"   "5736410" "5832165"   "5849486"   "6315953").PN.				
S31	54	(US-20030059807-\$ or US-20020051788-\$ or US-20080085214-\$ or US-20080084363-\$ or US-20020196009-\$ or US-20060138083-\$ or US-20070212681-\$ or US-20050230271-\$ or US-20020117694-\$ or US-20020012930-\$ or US-20020001801-\$ or US-20020117659-\$ or US-20030096321-\$ or US-20090273354-\$ or US-20030141189-\$). did. or (US-6794052-\$ or US-6551784-\$ or US-6309822-\$ or US- 7438856-\$ or US- 7361946-\$ or US- 5466348-\$ or US- 6403317-\$ or US- 6856125-\$ or US- 5632957-\$ or US- 4728882-\$ or US- 7741014-\$ or US-	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/26 14:33

		6686184-\$ or US- 5514501-\$ or US- 5079600-\$ or US- 6136269-\$ or US- 6566508-\$ or US- 4443930-\$ or US- 7145142-\$ or US- 7163822-\$ or US- 7595883-\$ or US- 7455971-\$ or US- 7291496-\$ or US- 7303875-\$ or US- 7265929-\$ or US- 7264934-\$ or US- 7264929-\$).did. or (US- 6197503-\$ or US- 4588883-\$ or US- 5600157-\$ or US- 6503711-\$ or US- 7118921-\$ or US- 6078705-\$ or US- 5822472-\$ or US- 5712098-\$ or US- 5513288-\$ or US- 4665008-\$ or US- 5922537-\$ or US- 5082627-\$ or US- 6548311-\$).did.				
S32	128	S30 or S31	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/26 14:34
S33	2	S32 and (heater or pellier) and oxidation	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/26 14:34
S34	2	(keersmaecker near koen).in. and upside	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/26 14:42
S35	25	S32 and ((fet or mosfet or mesfet or hemt or tft) or (field adj effect adj transistor))	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/26 14:46
S36	75	US-20010034033-\$. DID. OR US- 20010046679-\$.DID. OR US-20050211559-\$. DID. OR US-4704193-\$. DID. OR US-4711955-\$. DID. OR US-4787963-\$. DID. OR US-4868103-\$. DID. OR US-4943523-\$. DID. OR US-4964972-\$. DID. OR US-5013831-\$. DID. OR US-5066372-\$. DID. OR US-5100775-\$. DID. OR US-5164319-\$.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/27 10:50

DID. OR US-5187096-\$.  
DID. OR US-5242828-\$.  
DID. OR US-5312527-\$.  
DID. OR US-5391272-\$.  
DID. OR US-5443701-\$.  
DID. OR US-5472881-\$.  
DID. OR US-5491097-\$.  
DID. OR US-5532128-\$.  
DID. OR US-5571568-\$.  
DID. OR US-5587128-\$.  
DID. OR US-5595908-\$.  
DID. or ("5653939" |  
"5846392" | "6277629"  
"6325977").PN. or  
("3950738" |  
"3995190" | "4283773"  
"4563419" |  
"4580895" | "4584075"  
"4594135" |  
"4751177" | "4787963"  
"4807161" |  
"4816418" | "4822566"  
"4828979" |  
"4850895" | "4908112"  
"5063081" |  
"5074977" | "5075077"  
"5096669" |  
"5096807" | "5125748"  
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"5143854" | "5164319"  
"5166063" |  
"5200051" | "5202231"  
"5219726" |  
"5227265" | "5234566"  
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"5365539" |  
"5365819" | "5433819"  
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"5445525" | "5516698"  
"5527670" |  
"5527681" | "5599668"  
"5605662" |  
"5632957" | "5653939"  
"5677195" |  
"5681751" | "5736410"  
"5832165" |  
"5849486" |  
"6315953").PN.

S37	54	(US-20030059807-\$ or US-20020051788-\$ or US-20080085214-\$ or US-20080084363-\$ or US-20020196009-\$ or US-20060138083-\$ or US-20070212681-\$ or US-20050230271-\$ or US-20020117694-\$ or US-20020012930-\$ or US-20020001801-\$ or US-20020117659-\$ or US-20030096321-\$ or US-20090273354-\$ or US-20030141189-\$). did. or (US-6794052-\$ or US-6551784-\$ or US-6309822-\$ or US- 7438856-\$ or US- 7361946-\$ or US- 5466348-\$ or US- 6403317-\$ or US- 6856125-\$ or US- 5632957-\$ or US- 4728882-\$ or US- 7741014-\$ or US- 6686184-\$ or US- 5514501-\$ or US- 5079600-\$ or US- 6136269-\$ or US- 6566508-\$ or US- 4443930-\$ or US- 7145142-\$ or US- 7163822-\$ or US- 7595883-\$ or US- 7455971-\$ or US- 7291496-\$ or US- 7303875-\$ or US- 7265929-\$ or US- 7264934-\$ or US- 7264929-\$).did. or (US- 6197503-\$ or US- 4588883-\$ or US- 5600157-\$ or US- 6503711-\$ or US- 7118921-\$ or US- 6078705-\$ or US- 5822472-\$ or US- 5712098-\$ or US- 5513288-\$ or US- 4665008-\$ or US- 5922537-\$ or US- 5082627-\$ or US- 6548311-\$).did.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/27 10:50
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S38	128	S36 or S37	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/27 10:50
S39	5	S38 and ((fet or mosfet or mesfet or hemt or tft) or (field adj effect adj transistor)) and tantalum	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/27 10:50
S40	0	S38 and ((fet or mosfet or mesfet or hemt or tft) or (field adj effect adj transistor)) and (tantalum near pentoxide)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/27 10:51
S41	11	S38 and ((fet or mosfet or mesfet or hemt or tft) or (field adj effect adj transistor)) and (heating or heater or cooling)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/27 11:06
S42	11	S38 and ((fet or mosfet or mesfet or hemt or tft) or (field adj effect adj transistor)) and (heating or heater or cooling or peltier)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/27 11:45
S43	2	S38 and ((fet or mosfet or mesfet or hemt or tft) or (field adj effect adj transistor)) and (heater or cooling or peltier)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/27 11:46
S44	25	S38 and ((fet or mosfet or mesfet or hemt or tft) or (field adj effect adj transistor))	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/27 11:48
S45	21	S38 and ((fet or mosfet or mesfet or hemt or tft) or (field adj effect adj transistor)) and (heater or peltier or thermal or temperature)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/27 11:48

S46	1	S38 and ((fet or mosfet or mesfet or hemt or tft) or (field adj effect adj transistor)) and (heater or peltier)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/27 11:49
S47	22	S38 and ((fet or mosfet or mesfet or hemt or tft) or (field adj effect adj transistor)) and (heat \$3 or peltier or thermal or temperature)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/27 11:49
S48	77	S38 and (heat\$3 or peltier)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/27 11:52
S49	12	S38 and (heater or peltier)	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/27 11:52

**EAST Search History (I nterference)**

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**4/ 27/ 2011 3:21:51 PM****C:\ Documents and Settings\ ssakelar\ My Documents\ EAST\ Workspaces\ 10583640.wsp**